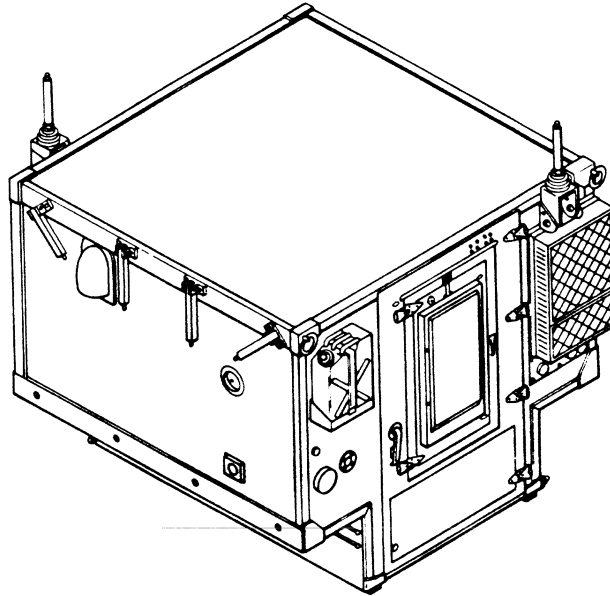


## AN/GRC-122



### SYSTEM IDENTIFIERS

NOMENCLATURE:	Radio Teletypewriter Set
SSN:	B00100
LIN:	Q90100
NSN:	5815-00-167-7998
AMIM NO:	-----
EIC:	GFA
FUEL TYPE:	-----

### SYSTEM DESCRIPTION

The AN/GRC-122 is a shelter-mounted radio teletypewriter set capable of receiving and transmitting Single Sideband (SSB), Continuous Wave (CW), and compatible Anyslitude Modulations (AM) signals. The teletype equipment can operate in 850 Hz and 85 Hz modes or in 85 Hz teletype plus voice transmission/reception mode. The teletype system consists of the TT-98/FG teletypewriter, TT-76/GGC perforator/ transmitter, and a modem operating through the RT-662/GRC radio subsystem. The AN/GRC-122 allows duplex communications while its AN/GRC-142 variant does not support simultaneous transmission and reception.

The list below identifies components associated with the weapon/materiel system.

## AN/GRC-122

LIN	NSN	NOMENCLATURE
A53149	5820-00-973-3383	AMPLIFIER-POWER SUPPLY GROUP: OA-36
A78151	5985-00-892-0758	ANTENNA GROUP: AN/GRA-50
K80544	6625-00-682-4464	INDICATOR STANDING WAVE RATIO: ME-1
M58822	5815-00-919-4800	MODEM RADIO TELETYPEWRITER SET
P40745	5820-00-937-7690	POWER SUPPLY: PP-4763/GRC
P40745	6130-00-113-9768	POWER SUPPLY: PP-4763/GRC
Q32756	5820-00-223-7548	RADIO SET: AN/GRC-106
Q38299	5820-00-930-3724	RADIO SET: AN/PRC-77
R30662	5820-00-644-4554	RECEIVER-TRANSMITTER CONTROL GROUP
S01427	5411-00-489-6076	SHELTER: NONEXPANDABLE S250
S01427	5411-00-999-4935	SHELTER: NONEXPANDABLE S250
V31211	5805-01-217-7310	TELEPHONE SET: TA-312/PT
V36762	5815-00-503-2760	TELETYPEWRITER: TT-76/GGC
V36762	5815-00-553-6061	TELETYPEWRITER: TT-76/GGC

## SYSTEM VARIANTS

MDS	LIN	NSN
AN/GRC-122	Q90100	5815-00-937-5295
AN/GRC-122	Q90100	5815-01-095-1211
AN/GRC-122	Q90100	5815-01-095-1212
AN/GRC-122	Q90100	5815-01-096-0428
AN/GRC-122	Q90100	5815-00-401-9719

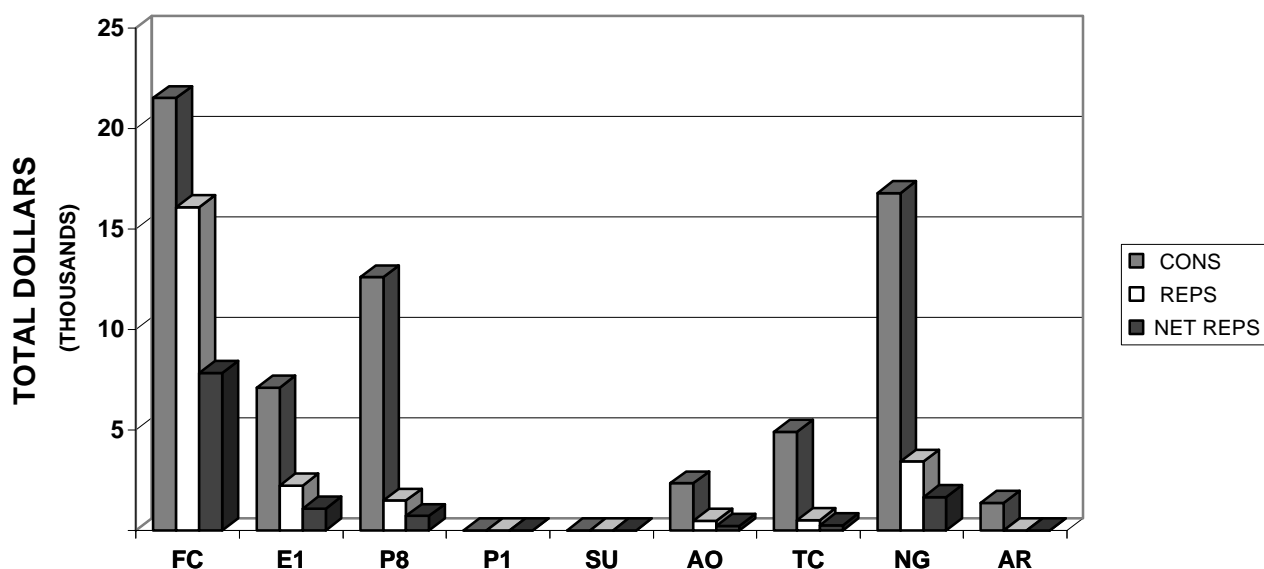
This summary provides an overview of FY 95 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analytical and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

<p align="center"><b>AN/GRC-122</b>  <b>FY 95 TOTAL ARMY COST SUMMARY</b>  <b>(FY 95 Constant Dollars)</b></p>
------------------------------------------------------------------------------------------------------------------------

<div>DENSITY</div> <div>NUMBER OF SYSTEMS255</div>		<div>DEPOT END ITEM MAINTENANCE (5.061)</div> <div>OMA TOTAL\$0</div> <div>QUANTITY COMPLETED0</div> <div>AVG COST/END ITEM\$0.00</div> <div>PROC (MODIFICATIONS)\$0</div>																			
<div>CLASS III-POL (5.05)</div> <div>NOT APPLICABLE</div>		<div>DEPOT SECONDARY ITEM MAINTENANCE</div> <div>DBOF TOTAL\$1,038</div> <div>QUANTITY COMPLETED34</div> <div>AVG COST/SECONDARY ITEM\$30.53</div>																			
<div>CLASS V-AMMUNITION (2.11)</div> <div>NOT APPLICABLE</div>		<div>INTERMEDIATE MAINTENANCE</div> <table><thead><tr><th></th><th>DS/GS</th><th>CIVILIAN</th></tr></thead><tbody><tr><td>MIL/CIV LABOR COST</td><td>\$10,970</td><td>\$3,501</td></tr><tr><td>AVG COST/SYSTEM</td><td>\$43.02</td><td>\$70.02</td></tr><tr><td colspan="3"> </td></tr><tr><td>MAINTENANCE MANHOURS</td><td>646</td><td>206</td></tr><tr><td>MMHs/SYSTEM</td><td>2.53</td><td>4.12</td></tr></tbody></table>			DS/GS	CIVILIAN	MIL/CIV LABOR COST	\$10,970	\$3,501	AVG COST/SYSTEM	\$43.02	\$70.02				MAINTENANCE MANHOURS	646	206	MMHs/SYSTEM	2.53	4.12
	DS/GS	CIVILIAN																			
MIL/CIV LABOR COST	\$10,970	\$3,501																			
AVG COST/SYSTEM	\$43.02	\$70.02																			
MAINTENANCE MANHOURS	646	206																			
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<div>CLASS IX MATERIEL-PARTS (5.04/5.03)</div> <table><thead><tr><th></th><th>FY 95 DOLLARS</th><th>AVG COST PER SYSTEM</th></tr></thead><tbody><tr><td>CONSUMABLES</td><td>\$66,599</td><td>\$261.17</td></tr><tr><td>NET REPARABLES</td><td>\$11,802</td><td>\$46.28</td></tr><tr><td>NET TOTAL COSTS</td><td>\$78,401</td><td>\$307.45</td></tr></tbody></table>					FY 95 DOLLARS	AVG COST PER SYSTEM	CONSUMABLES	\$66,599	\$261.17	NET REPARABLES	\$11,802	\$46.28	NET TOTAL COSTS	\$78,401	\$307.45						
	FY 95 DOLLARS	AVG COST PER SYSTEM																			
CONSUMABLES	\$66,599	\$261.17																			
NET REPARABLES	\$11,802	\$46.28																			
NET TOTAL COSTS	\$78,401	\$307.45																			

The following graph and table display FY 95 Class IX costs for consumables (CONS), reparable, (REPS), and net reparable (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.

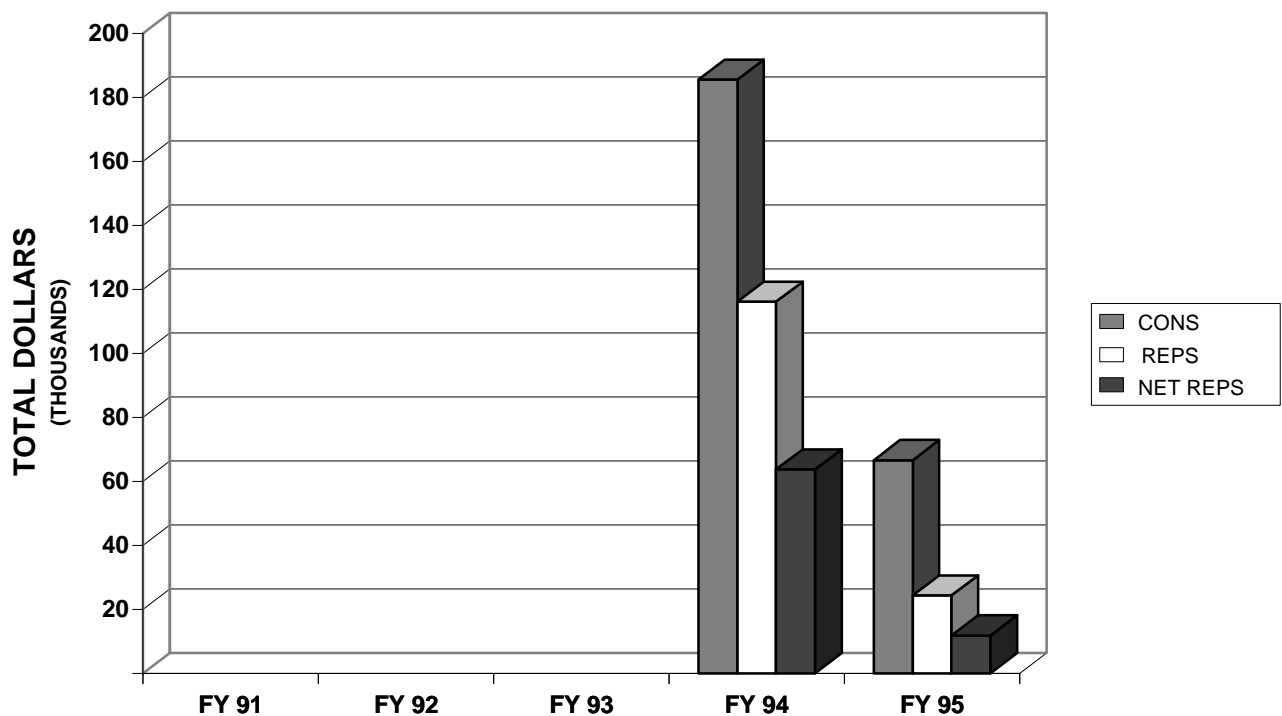
## AN/GRC-122



AN/GRC-122 FY 95 MACOM CLASS IX COSTS							
MACOM		CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEMS
CODE	NAME						
FC	FORSCOM	21,504	16,077	7,832	29,336	29	1,012
E1	USAREUR	7,098	2,233	1,089	8,187	6	1,365
P8	EUSA	12,599	1,485	722	13,321	12	1,110
P1	USARPAC	0	0	0	0	0	0
SU	USARSO	0	0	0	0	0	0
AO	USASOC	2,343	488	237	2,580	8	323
TC	TRADOC	4,901	518	253	5,154	21	245
NG	ARNG	16,784	3,425	1,669	18,453	103	179
AR	USAR	1,370	0	0	1,370	76	18
TA	TOTAL ARMY	66,599	24,226	11,802	78,401	255	307

The following graph and table display FY 91-95 Class IX costs for consumables (CONS), reparable (REPS) and net reparable (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.

### AN/GRC-122



AN/GRC-122 FIVE YEAR TOTAL ARMY CLASS IX COSTS						
FISCAL YEAR	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEMS
FY 91						
FY 92						
FY 93						
FY 94	185,499	116,155	63,653	249,152	390	639
FY 95	66,599	24,226	11,802	78,401	255	307

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 95 WBS Class IX costs for consumables (CONS) and reparable (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army.

AN/GRC-122							
FY 95 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS							
WBS	NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUM OF SYSTEMS	AVG PER SYSTEM
01	FRONT END (SENSOR)	0	0	0	0	0	0
02	PROCESSING (ADPE)	0	0	0	0	0	0
03	COMMUNICATIONS	39,730	12,308	5,998	45,728	255	179
04	PERIPHERALS	0	0	0	0	0	0
05	ENVIRON SUPPORT	5,721	11,918	5,804	11,525	255	45
06	APPS SOFTWARE	0	0	0	0	0	0
07	SYST SOFTWARE	0	0	0	0	0	0
08	INTEG, ASSY, TEST	0	0	0	0	0	0
09	OTHER	21,148	0	0	21,148	255	83
	TOTAL	66,599	24,226	11,802	78,401	255	307

The following table displays FY 91-95 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are the summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

<b>AN/GRC-122</b>						
<b>FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS</b>						
<b>WBS</b>	<b>NAME</b>	<b>FY 91 NET TOTAL COSTS</b>	<b>FY 92 NET TOTAL COSTS</b>	<b>FY 93 NET TOTAL COSTS</b>	<b>FY 94 NET TOTAL COSTS</b>	<b>FY 95 NET TOTAL COSTS</b>
01	FRONT END (SENSOR)				0	0
02	PROCESSING (ADPE)				0	0
03	COMMUNICATIONS				151,817	45,728
04	PERIPHERALS				1,401	0
05	ENVIRON SUPPORT				66,419	11,525
06	APPS SOFTWARE				0	0
07	SYST SOFTWARE				0	0
08	INTEG, ASSY, TEST				0	0
09	OTHER				29,515	21,148
	TOTAL				249,152	78,401
	NUM OF SYSTEMS				390	255
	AVG PER SYSTEM				639	307

**AN/GRC-122**  
**TOP 40 COST DRIVERS**  
**CLASS IX CONSUMABLES (NON-DLRs)**

**AN/GRC-122**  
**CONSUMABLES (NON-DLRs)**

NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 95 AMDF UNIT PRICE	FY 95 QTY	EXTENDED COST (QTY * UNIT PRICE)	AVERAGE COST	AVERAGE QUANTITY	FY 94-95 TWO YEAR AVERAGE	
									PER SYSTEM	PER 100 SYSTEMS	QTY	EXTENDED COST
1.	7240003600094	ADAPTER KIT,GRAV	09	Z	E2200	25.37	251.02	6,368	24.97	98.4392	274.91	6,974
2.	6135001255256	BATTERY, NONRECH	09	Z	E2200	21.86	139.15	3,042	11.93	54.5686	158.62	3,467
3.	6130010636273	POWER SUPPLY	05A	Z	G21RJ	1,312.00	2.00	2,624	10.29	0.7843	8.35	10,949
4.	6135010342239	BATTERY, NONRECH	09	Z	G22T7	46.18	56.60	2,614	10.25	22.1961	90.16	4,164
5.	5985009859024	ANTENNA	03C	O	G21RT	270.00	8.23	2,222	8.71	3.2275	10.03	2,708
6.	5410010703783	COVER ASSEMBLY	09	Z	J2200	939.51	2.36	2,217	8.69	0.9255	1.18	1,109
7.	5995007521362	CABLE ASY CG-69	03J	Z	Q22TW	115.54	18.00	2,080	8.16	7.0588	17.00	1,964
8.	5975002245260	ROD GROUND MX-14	03J	Z	Q2200	24.33	74.86	1,821	7.14	29.3569	84.94	2,066
9.	5959009355236	CABLE ASSEMBLY,P	03E	F	Q21RC	321.15	4.88	1,567	6.15	1.9137	6.88	2,210
10.	5960003697460	ELECTRON TUBE	03J	Z	Q2200	188.08	7.54	1,418	5.56	2.9569	11.24	2,114
11.	6130012479149	INVERTER,POWER,STAT	05A	F	G21RC	1,053.00	1.33	1,400	5.49	0.5216	13.44	14,147
12.	5995008891061	CABLE ASY CX-46	03E	Z	Q22RA	59.46	20.08	1,194	4.68	7.8745	40.47	2,406
13.	6645004102395	CLOCK,PANEL	09	Z	E2200	20.73	50.54	1,048	4.11	19.8196	63.90	1,325
14.	6130006561090	REEL,CABLE	09	Z	G22RL	90.36	11.30	1,021	4.00	4.4314	9.30	840
15.	5820002265368	RADIO SET SUBASS	03E	H	G21RC	364.00	2.71	986	3.87	1.0627	7.56	2,752
16.	5920004989442	ABSORBER,OVERVOL	03J	Z	Q2200	447.97	2.16	968	3.80	0.8471	2.58	1,156
17.	5965000433463	HANDSET H-250/U	03A	Z	G227B	37.85	24.67	934	3.66	9.6745	26.26	994
18.	5985001998831	ANTENNA ELEM MS-	03C	Z	Q22RU	6.75	134.00	904	3.55	52.5490	151.00	1,019
19.	6145005426092	CABLE	09	Z	Q2200	0.12	7,527.38	903	3.54	2,951.9137	9,191.97	1,103
20.	5895002265370	RECEIVER SUBASSE	03B	H	G21RC	280.00	2.65	742	2.91	1.0392	2.50	700
21.	5925001330451	CIRCUIT BREAKER	03E	Z	Q22RC	169.88	3.95	671	2.63	1.5490	2.78	471
22.	5820002265437	SYNTHESIZER, ELECTRI	03E	H	G21RC	593.00	1.04	617	2.42	0.4078	0.77	454
23.	5963002265364	AMPLIFIER SUBASS	03E	H	G21RC	262.00	2.34	613	2.40	0.9176	1.94	508
24.	6130010913305	POWER SUPPLY	05A	H	G21RV	2,413.00	0.25	603	2.36	0.0980	0.53	1,279
25.	3940001156380	SLING ASSEMBLY	09	Z	J2200	155.17	3.70	574	2.25	1.4510	3.11	483
26.	5995008232176	CABLE ASSEMBLY,R	03J	Z	Q2200	28.51	20.13	574	2.25	7.8941	32.45	925
27.	6145006608711	CABLE RG213	09	Z	Q2200	0.33	1,676.94	553	2.17	657.6235	1,807.54	596
28.	6135009300030	BATTERY, NONRECH	09	Z	G22TJ	12.81	42.45	544	2.13	16.6471	89.55	1,147
29.	4140011454451	FAN,VANEAXIAL	05B	Z	E2200	508.00	1.05	533	2.09	0.4118	1.11	561
30.	5998011014464	CIRCUIT CARD ASS	03E	Z	G22RC	82.45	6.38	526	2.06	2.5020	6.89	568
31.	5950002464524	TRANSFORMER,POWE	03E	Z	Q22RC	709.41	0.73	518	2.03	0.2863	0.99	702
32.	5820009891365	BLOWER INVERTER	03E	H	G21RC	246.00	2.03	499	1.96	0.7961	2.50	615
33.	5965002262915	HEADSET,ELECTRIC	03E	Z	Q22RC	67.46	7.19	485	1.90	2.8196	6.57	443
34.	5995009858005	CABLE ASSEMBLY	03J	Z	Q2200	135.01	3.53	477	1.87	1.3843	6.26	845
35.	5965008920722	MICROPHONE M-29B	03A	Z	Q22RU	69.23	6.85	474	1.86	2.6863	7.93	549
36.	5895004442328	AMPLIFIER,AUDIO	03E	F	G21RS	135.00	3.43	463	1.82	1.3451	3.73	503
37.	5995001774501	CABLE ASSEMBLY,P	03E	Z	Q22RC	42.49	10.82	460	1.80	4.2431	11.66	495
38.	5340007572130	HARDWARE KIT,ELE	09	Z	T2200	21.78	21.14	460	1.80	8.2902	28.82	628
39.	5820007828896	DRIVER,DELAY LIN	03E	Z	Q2200	624.14	0.72	449	1.76	0.2824	2.55	1,588
40.	5915009331232	FILTER RADIO INT	03E	Z	Q23RC	138.75	3.14	436	1.71	1.2314	1.57	218

NUMBER OF SYSTEMS 255  
NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

46,602	70.0%	TOP 40
19,997	30.0%	OTHERS
=====		
66,599		TOTAL



AN/GRC-122  
COST DRIVERS  
CLASS IX REPARABLES (DLRs)

AN/GRC-122  
REPARABLES (DLRs)

NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 95AMDF UNIT PRICE		FY 95 QTY	EXTENDED COST W/CREDIT (QTY * UNIT PRICE)	AVERAGE COST (W/CREDIT)	AVERAGE QUANTITY	FY 94-95 TWO YEAR AVERAGE	
						W/O CREDIT	W/CREDIT			PER SYSTEM	PER 100 SYSTEMS	QTY	EXTENDED COST (W/CREDIT)
1. 6130010925998	INVERTER,POWER,S	05A	F	C	G21RE	1,053.00	512.81	11.29	5,790	22.71	4.4275	14.16	7,259
2. 5985009897540	COUPLER,ANTENNA	03C	D		G21RC	2,247.00	1,094.29	0.89	974	3.82	0.3490	3.76	4,109
3. 5820007828903	SYNTHESIZER ASSY	03E	D		G21RC	593.00	288.79	3.03	875	3.43	1.1882	1.52	438
4. 5895010928620	AMPLIFIER,ELECTR	03E	D	C	G214B	2,979.00	1,450.77	0.49	711	2.79	0.1922	2.39	3,460
5. 5820009248465	AMPLIFIER,RADIO	03E	D		G21RC	1,478.00	719.79	0.93	669	2.62	0.3647	4.18	3,005
6. 5820009174932	TURRET ASSEMBLY	03E	D		G21RC	2,320.00	1,129.84	0.29	328	1.29	0.1137	1.07	1,209
7. 5820002265365	TRANSLATOR, SIGN	03E	D		G21RC	359.00	174.83	1.85	323	1.27	0.7255	4.87	851
8. 5820002265366	TRANSMITTER SUBA	03A	D		G21RC	351.00	170.94	1.59	272	1.07	0.6235	1.75	298
9. 5820002265439	RECEIVER, INTERM	03B	D		G21RC	518.00	252.27	1.06	267	1.05	0.4157	2.68	675
10. 5985009176567	COUPLER,ANTENNA	03C	L		G21RC	2,247.00	1,094.29	0.23	252	0.99	0.0902	1.89	2,063
11. 5815000893965	RADIO TELETYPEWR	03E	D		G21RC	408.00	198.70	1.22	242	0.95	0.4784	2.38	473
12. 5820009410336	AMPLIFIER SUBASS	03E	L		G21RC	257.00	125.16	1.28	160	0.63	0.5020	0.64	80
13. 5815000454489	SCOPE MODULE ASS	03J	D		G21RC	516.00	251.29	0.63	158	0.62	0.2471	6.79	1,706
14. 5820009061115	MATCHING UNIT-BA	03E	D		G21RT	190.00	92.53	1.32	122	0.48	0.5176	7.72	714
15. 5820002265363	DISCRIMINATOR AS	03E	D		G21RC	325.00	158.28	0.71	112	0.44	0.2784	2.71	428
16. 5820007829465	DRUM ASSEMBLY	03E	D		G21RC	1,266.00	616.54	0.18	111	0.44	0.0706	0.43	265
17. 5815000454490	TRANSMITTER MODU	03A	D		G21RC	355.00	172.89	0.42	73	0.29	0.1647	6.85	1,183
18. 5820009976200	TURRET DRIVE SUB	03E	D		G21RC	926.00	450.96	0.13	59	0.23	0.0510	0.83	374
19. 5820002265438	SYN EL F SC-DL-5	03E	D		G21RC	592.00	288.30	0.16	46	0.18	0.0627	0.62	177
20. 5998010913457	CIRCUIT CARD ASS	03E	D	E	G214B	1,577.00	768.00	0.06	46	0.18	0.0235	0.52	399
21. 5895009733384	AMPLIFIER-POWER	03E	D		GP1RS	393.00	191.39	0.19	36	0.14	0.0745	0.14	27
22. 5998010913454	CIRCUIT CARD ASS	03E	D	E	G214B	325.00	158.28	0.15	24	0.09	0.0588	0.59	93
23. 5998010704121	CIRCUIT CARD ASS	03J	D		G21RJ	2,343.00	1,141.04	0.02	23	0.09	0.0078	0.01	11
24. 5815000454487	LOOP BATTERY MOD	03J	D		G21RC	468.00	227.92	0.08	18	0.07	0.0314	1.70	387
25. 5815010459448	RECEIVER,AUDIO,B	03B	D		G21RC	407.00	198.21	0.09	18	0.07	0.0353	2.96	587
26. 5998010913456	CIRCUIT CARD ASS	03E	D	D	G214B	470.00	228.89	0.07	16	0.06	0.0275	0.89	203
27. 5998010913448	CIRCUIT CARD ASS	03J	D	E	G21RV	417.00	203.08	0.08	16	0.06	0.0314	0.48	97
28. 5998012678120	CIRCUIT CARD ASS	03J	D		G21RJ	1,455.00	708.59	0.02	14	0.05	0.0078	0.14	99
29. 5895010298726	KEYBOARD SUBASSE	03J	D		G21RJ	2,904.00	1,414.25	0.01	14	0.05	0.0039	0.01	7
30. 6105011613799	MOTOR ASSEMBLY	05A	D		G21RJ	855.00	416.39	0.02	8	0.03	0.0078	0.03	10
31. 5998010913447	CIRCUIT CARD ASS	03J	D	E	G21RV	298.00	145.13	0.04	6	0.02	0.0157	0.49	71
32. 6130010925947	POWER SUPPLY	05A	H	C	G214B	1,145.00	557.62	0.01	6	0.02	0.0039	1.01	560
33. 5998010913455	CIRCUIT CARD ASS	03E	D	E	G214B	397.00	193.34	0.03	6	0.02	0.0118	1.39	269

NUMBER OF SYSTEMS 255  
NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

11,802	100.0%	COST DRIVERS
0	0.0%	OTHERS
=====		
11,802		TOTAL

The following table summarizes FY 95 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture.

AN/GRC-122 FY 95 DEPOT MAINTENANCE COSTS							
COST ELEMENTS	END ITEM MAINTENANCE				SECONDARY ITEM MAINTENANCE		
	REPAIR	OVERHAUL	OTHER	MODIFICATION	REPAIR	OVERHAUL	OTHER
CIVILIAN LABOR	0	0	0	0	0	458	0
MILITARY LABOR	0	0	0	0	0	0	0
MATERIEL	0	0	0	0	0	280	0
OVERHEAD	0	0	0	0	0	293	0
CONTRACT	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	7	0
TOTAL	0	0	0	0	0	1,038	0
QTY COMPLETED	0	0	0	0	0	34	0
AVG COST	0	0	0	0	0	31	0

The table below summarizes FY 95 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM DS/GS LABOR HOURS by the Army Manpower Cost System (AMCOS) E-5 composite standard rate (\$16.98). CIVILIAN LABOR COSTS are a summation from the source data.

AN/GRC-122 FY 95 INTERMEDIATE MAINTENANCE COSTS					
MACOM	DS/GS LABOR HOURS	DS/GS LABOR COSTS	CIVILIAN LABOR HOURS*	CIVILIAN LABOR COSTS*	CIVILIAN LABOR COST/HOUR
FORSCOM	67	1,138	195	3,183	16.32
USAREUR	54	917			
EUSA	103	1,749			
USARPAC	0	0			
USARSO	0	0			
USASOC	0	0			
TRADOC	0	0	11	318	28.91
ARNG	422	7,166			
USAR	0	0			
TOTAL ARMY	646	10,970	206	3,501	17.00

\*TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 91-95 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 95 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

AN/GRC-122 FIVE YEAR DEPOT MAINTENANCE COSTS										
COST ELEMENTS	END ITEM MAINTENANCE					SECONDARY ITEM MAINTENANCE				
	FY 91	FY 92	FY 93	FY 94	FY 95	FY 91	FY 92	FY 93	FY 94	FY 95
CIVILIAN LABOR				0	0				780	458
MILITARY LABOR				0	0				0	0
MATERIEL				0	0				924	280
OVERHEAD				0	0				883	293
CONTRACT				0	0				0	0
OTHER				0	0				12	7
TOTAL				0	0				2,599	1,038
QTY COMPLETED				0	0				44	34
AVG COST				0	0				59	31

The table below summarizes FY 91-95 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance (CIV) are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 95 constant dollars. Civilian labor costs are a summation from the source data. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

AN/GRC-122 FIVE YEAR INTERMEDIATE MAINTENANCE COSTS										
MACOM	DIRECT/GENERAL SUPPORT INTERMEDIATE MAINTENANCE (DS/GS)					CIVILIAN MAINTENANCE (CIV)				
	FY 91	FY 92	FY 93	FY 94	FY 95	FY 91	FY 92	FY 93	FY 94	FY 95
FORSCOM				1,143	1,138				1,456	3,183
USAREUR				15,694	917					
EUSA				699	1,749					
USARPAC				1,143	0					
USARSO				137	0					
USASOC				2,542	0					
TRADOC				0	0				0	318
ARNG				13,118	7,166					
USAR				188	0					
TOTAL ARMY				34,664	10,970				1,456	3,501
LABOR HRS				2,032	646				85	206
COST PER HR				17.06	16.98				17.13	17.00

The following list shows the FY 95 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the Master File Maintenance (MFM). AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 95 TOTAL COST TO REBUILD/OVERHAUL by the FY 95 QTY COMPLETED.

AN/GRC-122					
FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS					
NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 95 TOTAL COST TO REBUILD/ OVERHAUL	FY 95 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
6130-01-092-5998	INVERTER,POWER,S	1,053	1,038	34	31

The following list shows the FY 95 Secondary Item Maintenance - Repairs Cost Drivers recorded in Master File Maintenance (MFM). AVG COST TO REPAIR is calculated by dividing the costs in FY 95 TOTAL COST TO REPAIR by the FY 95 QTY COMPLETED.

AN/GRC-122					
FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS					
NSN	NOMENCLATURE	FY 95 AMDF PRICE	FY 95 TOTAL COST TO REPAIR	FY 95 QTY COMPLETED	AVG COST TO REPAIR
NO DATA					

The following list shows the FY 91-95 Secondary Item - Rebuild/Overhaul Cost Drivers recorded in MFM. These five year Cost Drivers were revised from the previous years' report. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 91-95 TOTAL COST TO REBUILD/OVERHAUL by the FY 91-95 QTY COMPLETED.

<b>AN/GRC-122</b> <b>FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS</b> <b>COST DRIVERS</b>					
NSN	NOMENCLATURE	FY 95 AMD PRICE	FY 91-95 TOTAL COST TO REBUILD/ OVERHAUL	FY 91-95 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
6130-01-092-5998	INVERTER,POWER,STAT	1,053	3,132	76	41
5820-00-078-4771	AMPLIFIER,RADIO FRE	1,901	154	0	0

The following list shows the FY 91-95 Secondary Item - Repair Cost Drivers recorded in MFM. These five year cost drivers were revised from the previous years' report. The AVG COST TO REPAIR is calculated by dividing the costs in FY 91-95 TOTAL COST TO REPAIR by the FY 91-95 QTY COMPLETED.

<b>AN/GRC-122</b> <b>FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS</b> <b>COST DRIVERS</b>					
NSN	NOMENCLATURE	FY 95 AMD PRICE	FY 91-95 TOTAL COST TO REPAIR	FY 91-95 QTY COMPLETED	AVG COST TO REPAIR
5820-00-906-1115	MATCHING UNIT-BASE	190	436	2	218



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